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(54) Title: PLASTICIZED SUPERABSORBENT POLYMER SHEETS AND USE THEREOF IN HYGIENIC ARTICLES

(57) Abstract: A flexible absorbent sheet material containing an acidic water-absorbing resin, a basic water-absorbing resin, and a plasticizer, and its method of manufacture, are disclosed. The sheets contain about 60% to 100% by weight of the acidic and basic water-absorbent resin and plasticizer. The absorbent sheets have unexpected flexibility and structural integrity, while exhibiting exceptional water absorption and retention properties.